

	Documentation for DEQ Compliance With CCR Requirements (systems with mailing waivers serving less than 10.000 persons)	8
VS name	CITY OF BOULDER	
WS I.D. No.	MT0000158	
Repor given previo	mmunity water system named above hereby confirms that the Consumer Confider t (CCR) has been distributed to customers (or appropriate notices of availability has and that the information is correct and consistent with the compliance monitoring susly submitted to the primacy agency.	ave been g data
	ic details on distribution of the CCR to customers are outlined below. CCR or not is provided as specified for:	ice of
ystems servi	ng fewer than 10,000 persons	
х	Published the CCR in the local newspaper(s). List newspaper and dates below:	
	Boulder Monitor April 1, 2009	
X	Informed customers the CCR will not be mailed. List methods of notification bek Published in Boulder Monitor & included Note: Copies report are available at City Hall upon request. This be mailed to the customers. Posted 03-2009 Courthouse	of this water
x	Developed procedures to make reports available upon request. Specify below: In notice: Note: Copies are available at	Office, Libr City Hall, J
	City Hall upon request.	Co. Public H
		Dept. & Boul- Medical Clin
ystems serv	ng fewer than or equal to 500 persons	11001001 01111
	List methods used to inform customers the CCR is available or methods used to d	distribute
-	to customers:	300000.0000000
CCR	to customers.	1
CCR	to customers.	
	Name Diana Van Haecke Quana VanHaushi	
CCR Signed by:	Name Diana Van Haecke Quana VanHauske Title City Clerk	

## Annual Drinking Water Quality Report

City of Boulder PWSID# MT0000158 PO Box 68 Boulder, MT 59632 APR 1 G 2009

MT DEQ PUBLIC WATER & SUBDIVISIONS BUREAU

We're very pleased to provide you with the annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is groundwater from four wells in the Boulder River alluvial aquifer. A source water assessment will be provided when it is completed.

This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

If you have any questions about this report or concerning your water, please contact Brandon Herrera (Interim Water Operator) or City Hall at 225-3381. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Monday of the month at 6:30 pm.

The Boulder Water Treatment Plant routinely monitors for constituents in your drinking water according to Federal and State laws. The following table shows the results of any detects in our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2008. For constituents that are not monitored yearly, we have reviewed our records back to the last time the constituent was monitored.

We have monitored for lead and copper, and 15% of the samples collected were over the action level for copper, and none were over the action level for lead. The 90<sup>th</sup> % values for lead was under the action level but copper was over the action level.

Parameter	Date	90th % value	Units	Action level	Source of Contamination
Lead	6/20/08	5	ppb	15	Household plumbing
Copper	6/20/08	0.78	ppm	1.3	Household plumbing
Lead	12/16/08	8	ppb	15	Household plumbing
Copper 12/16/08		2	ppm	1.3	Household plumbing

In the tables above and below you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Parts per billion (ppb) or Micrograms per liter (ug/l) - one part per billion corresponds to one minute in 2000 years or a single penny in \$10,000,000.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Nephelometric Turbidity Unit (NTU)-nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Picocuries per liter (pCi/L)-picocuries per liter is a measure of the radioactivity in water.

## TEST RESULTS

Contaminant	Violation Y/N	Sample Date	Highest Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
		252	Inorganic Contan	etnanie			A- 10 0 10 10 10 10 10 10 10 10 10 10 10 1
Nitrate + Nitrite as N	N	05/20/08	0.76	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Fluoride	N	3/24/04	1.42	ppm	4	4	Water additive which promotes strong teeth, erosion of natural deposits
Arsenic	N	4/3/07	1	ppb	0	10	Erosion of natural desposits
10000		34 Mg	Radioactive Conta	minants			
Alpha emitters	N	3/28/02	3.4	pCi/L	0	15	Erosion of natural deposits
			Microbial Contan	ninants			
Parameter	Violation Y/N	Sample Date	Highest Number of Positive samples in a month	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Coliform	N	Monthly	0	Present/ Absent	0	1	Soil Runoff

We constantly monitor for various constituents in the water supply to meet all regulatory requirements. This past year we did have a violation with our Copper Action Levels. The City of Boulder continues working with the MT DEQ to become compliant with the Safe Drinking Water Act.

Total Coliform - Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present.

Nitrates - As a precaution we always notify physicians and health care providers in this area if there is ever a higher than normal level of nitrates in the water supply.

Arsenic - While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Copper - Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink that water contains copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

Lead - Infants and children who drink water that contains lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

If present, elevated levels of Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. City of Boulder is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about the lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>.

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or are man made. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials.

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

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NOTE: Copies of this water report are available at City Hall upon request. This report will not be mailed to the customers.

Annual Drinking Water Quality Report

City of Boulder ~ PWSID# MT0000158 ~ P0 Box 68, Boulder, MT 59632

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The Boulder Water Treatment Plant routinely monitors for constituents in your drinking water according to Federal and State laws. The following table shows the results of any detects in our monitoring for the period of January 1st to December 31st, 2008. For constituents that are not monitored yearly, we have reviewed our records back to the last time. the constituent was monitored.

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# nation

Household plumbing	Household plumbing	Household plumbing	Household plumbing
15	1.3	15	£.
qdd	mdd	qdd	mdd
2	0.78	80	2
6/20/08	6/20/08	12/16/08	12/16/08
Lead	Copper	Lead	Copper

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## *TEST RESULTS*

Contaminant	Violation Y/N	Sample Date	Highest Level Detected	Measurement	MCLG	L MC	Likely Source of Contamination
		4	Inorganic Conta	minants	3.5		
Nitrate + Nitrite	z	05/20/08	92.0	wdd	9	10	Aunof ton tellice use leading for septic tonia, senege, enable of natural decests

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## **Annual Drinking Water Quality Report**

Annual Drinking Water Quality Report

City of Boulder – PWSID# MT0000158 – PO Box 68, Boulder, MT 59632

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Contaminant	Violation	Sample Date	Highest Level Detected	Versus ment	MCLG	MC L	Likely Source of Contamination
			Inorganic Conta	ninants	2007	972	Section 18
Nitrate + Nitrite so N	N	05/20/08	0.76	ppm	10	10	Aurel for letter up. techniq for apit form maps at the P soon Septen
Fluoride	N	3/24/04	1.42	ppm	4	4	Higher profition orbits path mining principle sealth, annually of highlight disposits
. A/senic	N	40.07	1	ppb	0	10	Consent stated reports
Mar. 114		1000	Redicactive Contr	en/mente	27.75	5000	AND THE ST
Alpha emitiers	N	32802	3.4	pCVL.	0	15	Growin of natural deposits
BEST ME	11500	D 16/17/19	Microbial Contar	ninanta	Sec.	3399	SALVE A LONG
Parameter	Violation Y/N	Sample Date	Highest Number of Positive samples in a month	Unit Measurement	MCLG	MCL.	Likely Source of Contamination
Coliform	N	Monthly	1	Present/ Absent	0	1	Soil Runoff

Colifornia N Monthly 1 Present G 1 Soil Found?

We constantly monitor for various constituents in the water supply to meet all regulatory requirements. This past year we did have a violation with our Copper Action Levels. The City of Boulder continues working with the MT DEG to become complaint with the Salat Dinining Water Act.

Total Colifornia are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, became notify physicians and theatiful comproved in this area of the environment of the control of infrastration area to proper control.

Nitrates: As a precultion we always notify physicians and theatiful comproved in this area of there is ever a higher than normal level of infrastration the water supply.

Arrento-White your drinning water meets DEA's standard for assence, it does contain low levels of removing assent the costs of removing assent of the control understanding of assenting possible health effects against the costs of removing assent production value. EPA continues to research the health effects against the costs of removing assent production values or containing oppose in exceeding of assenting of the level of the level of assenting oppose in a section of the action the rest the following oppose and access of the action between over many years could suffer here or kitching decays. People with Wilson's Desention of the action level over many years could suffer here or kitching damage. People with Wilson's Desention of mental directory and access of the action level over many years could suffer here or kitching damage. People with Wilson's Desention of mental directory and access of the action level over many years could suffer here or kitching damage. People with Wilson's Desention of mental directory and the action of the control of the action of the damage and object of the action is provided by the property of the action o

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## **Boyd Andrew Community Services** Elkhorn Treatment Center

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Is hiring for the following positions: SECURITY OFFICER

Must have a high school diploma. Primary duties include security; accountability of residents, supervision of maintenance require-ments and sanitation requirements; and resident transportation and recreation. Full-time position available. \$10.25 per hour.

APPLICABLE TO ALL APPLICANTS

Computer operations background is required which includes word processing and database management. Must possess a valid Montana driver's license. Experience working with offenders or corrections population or residential milieu is highly desirable and preferred. Must successfully pass security background investigation BENEFITS

Boyd Andrew Community Services offers an excellent benefits package that includes health insurance, life insurance, flexible spending account, 4 weeks personal leavelyst, and 10 holidays/yst to all full-time employees. Part-time employees ergoy personal leave and holiday leave on a promed basis, and life insurance.

> All employees working 20 or more hours a week may participate in the resimment plan.

Interested applicants may call Sue Carroll at 447-3276 for information and applications.

Applications or resulters may be sent of PO Box 448, Boulder, MT 59612 or emailed to admin I showdandrew.com. Positions open until filled

laminarity. His precord of operations health effects can be obtained by causing use account of operations and operations of operations. Drinking Water Holline at 1-800-426-4791.

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We ask that all our customers help us protect our water sources, which are the heart of our community, our way of file.

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Legal 09-036 Published in the Boulder Monitor April 1, 2009

to all full-time employees. Part-time employees enjoy personal spending account, 4 weeks personal leave/yr., and 10 mmuays/27leave and holiday leave on a prorated basis, and life insurance.

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## Documentation for DEQ Compliance With CCR Requirements (Systems without mailing waivers (serving greater than 10,000 persons)

PWS name:	
PWS ID No.	
Conf avail in the	community water system named above hereby confirms that the Consumer fidence Report (CCR) has been distributed to customers (and appropriate notices of lability have been given). Further, the system certifies that the information contained e report is correct and consistent with the compliance monitoring data previously nitted to the primacy agency.
System-spec apply)	ific details on CCR distribution to customers are outlined below: (check all that
	was distributed by mail or other direct delivery. Specify other direct delivery nods:
Good inclu	faith efforts were used to reach non-bill-paying consumers. Those efforts used the following methods as recommended by the primacy agency:
-	Posting the CCR on the Internet
_	_Mailing the CCR to postal patrons within the service area. (attach zip codes used)
	_Advertising availability of the CCR in news media (attach copy of announcement)
-	_Publication of CCR in local newspaper (attach copy)
-	Posting the CCR in public places (attach a list of locations)
_	Delivery of multiple copies to single bill addresses serving several persons such as apartments, businesses, and large private employers  Delivery to community organizations (attach a list)
100	Posted CCR on a publicly accessible Internet site for serving > 100,000 persons.  Delivered CCR to other agencies as specified by the primacy agency (attach a list)
Signed by:	Name
	Phone # Date
	Send CCR Report and completed Documentation Form to: MT DEQ Public Water Supply Section Ed Kiely P.O. Box 200901